Spark-Gap Times

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The Old Old Timers Club

JULY - AUGUST 1978 VOL. 15 No. 4

THE MAGAZINE OF THE WIRELESS PIONEERS

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Spark Gap Times
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THE COVER
WHO REMEMBERS??

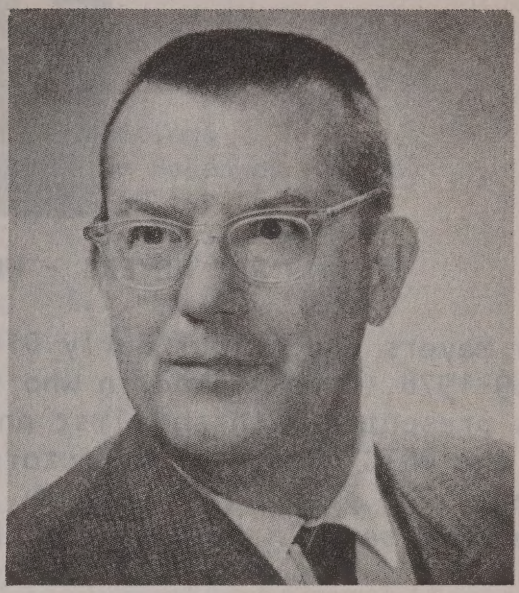
On the cover we find the front page of QST — date unknown — when it cost but a dime. Those were the days when a QSL card could be mailed for a penny and a letter for two cents.

* * * * * *

NOTE — In sending checks for S.G.T. or new memberships it is requested that these be made out to cover U.S. dollar. For example, Canadian checks for $12 are worth but $10.47 U.S. Currency.

PRESIDENT'S MESSAGE

Col. Fred J. Elser, KH6CZ



"No doubt you have noticed on the 'Masthead" that we have a new Vice President..none other than our Old stalwart Ray, W6MLZ. When Lane W9SG found out that Ray would be available after completing his arduous duties as Sec'y-Treas.-editor, he resigned in favor of Ray and the board of Directors confirmed the change. All thanks to Lane for holding down the job capably the past 2 years, and a hearty welcome to Ray in his new position!
At this time I would like to say a few words of warm appreciation to Bobm W6DRV, who has been quietly toiling all thesemany months to get out an up-to-date edition of the Blue Book...thanks to you Bon, and your all-too-few assistants, and we all look forward to completion of your job of "pounding sand down a rat-hole."

A BIT OF NOSTALGIA: (From the log of W3HQW, Baltimore, Md., during the month of October, 1938..Stations worked..): CM2MZ, W6IBD, W5FRO, W6PHU, W7VQ, W7BAP, W6HUA, W6NFV, PY1AZ, ZL4DQ, ZL3AZ,NY1AA W4FFT, W9WBN, W6GQK, W5TG, W6NPY, W9ZOU, W1BDW/3, W4CHB, VE2IM, W5AVF, VK2HV, VK5JT, YV2HZ, VK2YL, etc. (From QST for Oct. '38); From KBW's editorial.."Be not too zealous; moderation is best in all things." Yes even in amateur radio"... "A visit to W1AW, The new Maxim Memorial Station now in operation" by F, E. Handy,W1BDI "A low cost single-signal receiver," by George Grammar, W1DF... "Amateurs aid Hughes on Worl Flight; Evans, W6CUH, Perrine W1GOQ, Thomas W2UK"...."Building TV receivers, by J. B. Sherman..... A six-band KW transmitter by J. E. Jennings W6EI...Pres. of the League was W8CMP, VP W1KH, Sec. W1EH,etc,etc...Who says we weren't "Some pumpkins" & up-to date in many respects 40 years ago?

ALOHA, Fred, KH6CZ

A liberal education is the education which gives a man a clear, conscious view of his own opinions and judgments, a truth in developing them, an eloquence in expressing them, and a force in urging them. It teaches him to see things as they are, to go right to the point, to disentangle a skein of thought, to detect what is sophistical, and to discard what is irrelevant. . . .He is at home in any society, he has common ground with every class; he knows when to speak and when to be silent.

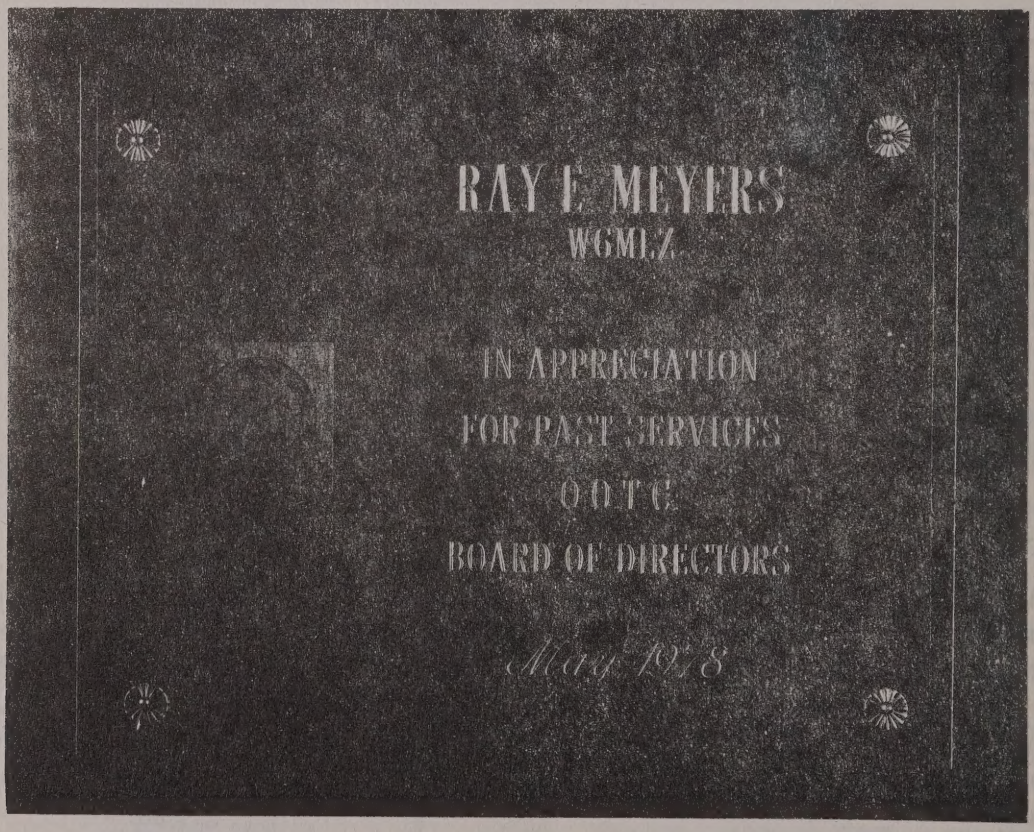
John Henry Newman

RAY MEYERS - W6MLZ HONORED

Ray Meyers one of our early Directors and Executive Secretary 1969-1978, and listed in who's Who, California 11th Edition was presented with the first annual award which was authorized by the OOTC Board of Directors. This award will be a yearly event. The plaque is blue with a gold border and engraved with the OOTC seal in gold as are the four decorative borders.

Voting by the Board was very close, with Bert Ingalls, W1NQ a close second and Eunice Thompson, W1MPP a vote after Bert.

Nominations for the 1979 award will be solicted next March.



$12 CLUB

Kudos to the following for sending in advance sustaining fees thus a savings to the Club by reducing the frequency of having Address-O-Graph plates made.

A-836	John Haddaway Asso	7/80
232	W. A. Seaman W8DP	7/80
430	J. A. Hutcheson K3ZVH	8/80
277	A. Martinka W9OD	6/80
457	W. E. Devereux W2FA	7/80
504	C. M. Brelsford K2WW	4/80
571	P. K. Churchill W6QBY	6/80
1060	Col.H.S. Mead W2OP	8/80
1087	R. E. Jacobs W6KD	5/80
1118	H. A. Gilbertson W5RB	7/81
1199	E. H. Burgman W6TB	7/80
1204	D. C. Brockway W6PL	3/79
1330	Maj. R. D. Nagle	12/79
1339	F. B. Hales W1BBU	6/80
1367	A. Henry VE3YL	7/80
1388	F. R. Mathews W8CJB	11/80
1401	W. S. Janin W5YN	8/80
1421	L. C. Sigmon W6LQ	3/83
1444	G. H. Curtright KØTYO	6/81
1470	J. H. Johnson W5COC	5/80
1579	E. K. Hamer W7BQG	6/80
1594	L. B. Dusenberg W8DIV	5/80
1622	C. H. Young W2RFY	8/80
A1628	H. J. Scott Asso	5/80
1661	F. E. Coates PY8ZLG	4/86
1739	Capt W.G.H.Finch Ass'o	9/83
1803	T. A. Chandler W2ITB	3/81
1817	H. Ross Smyth VE3FI	3/80
1819	C. K. Campbell K4ISG	5/80
1821	W. J. Heckel K4RQY	6/80
1848	T. H. Bean W3DJD	6/80
1860	W. H. Ramsey W6KMC	7/81
1872	Dr. B.S.Bennett MD K4MR	9/79
1940	Chet Voorhees W8BTF	5/81
2034	R. Wisenbaker WB2FJV	5/79
2037	Roy T. Foody W2EPN	5/80
2044	Bruce Henke K6OU	6/81
2045	L. E. Swartz W1IYN	6/80
2046	J. T. Marsh W9FBB	6/81
2065	Al Dowd W2ARO	10/80
2085	A. M. Lewis W4BCI	7/80
2112	H. R. Adams K6BTO	7/80

Donations

John Haddaway Ass'o
$50 for the kitty

Allen Leake W4BCI
$3 for the kitty

Bill Devereux W2FA
$2 postage

H. Gilbertson W5RB
$2 for postage

E. H. Burgman W6TB
$2. for the kitty

F. R. Mathews W8CJG
$2 for kitty

W. S. Janin W5YN
$3 for kitty

G. H. Curtright KØTYO
$7 for kitty

J. H. Johnson W5COC
$3 for the kitty

C. H. Young W2RFY
$3 for postage

T. A. Chandler W2ITB
$5 for postage

W. H. Ramsey W6KMC
$2 for the kitty

Dr. B. Bennett K4MR
$4 for the kitty

Chet Voorhees W8BIF
$3 postage

Al Dowd W2ARO
$8 for the kitty

God loveth a Cheerful giver -- Ye Ed

The poorest of all men is the one without a dream

U. S. NAVAL RADIO STATION 7DJ — REALLY!

NOSTALGIA - by the Late H.S. Pyle-W7OE

Most OOT's are at least vaguely familiar with the fact that early in World War I, the U. S. Navy accepted and took over the quarters and facilities of the deluxe amateur station, 1AJ, of Allessandro Fabbri of Otter Cliffs, Bar Harbor, Maine. Naval call letters were assigned and in all respects it became a conventional naval radio station but also including research facilities particularly for development of receiving antennas and equipment.

What many OOT's do NOT know however is that, to the best of our knowledge the ONLY strictly amateur station operating legally throughout the period of the war using it's own original AMATEUR call letters, was 7DJ at Hoquiam, a small city on Gray's Harbor about halfway down the Pacific Coast of the State of Washington! 7DJ was taken over by the Navy, lock, stock and barrel, and the Navy handsomely compensated the owner for use of his residence and his aamateur equipment which remained intact . . . a non-synchronous rotary spark transmitter! There MAY have other amaetur stations in this status elsewhere in the country; I can find no record of such however . . . do any readers know of the existence of any at that time?

As a young Naval radio operator in 1917, I was assigned to the permanent naval radio station NPD at Tatoosh Island, Wash. off the tip of Cape Flattery about 80 miles north of 7DJ and approximately 100 miles west of the Seattle naval station NVL. From NPD we often acted as a relay station for the Hoquiam station to the Puget Sound Navy Yard (NPC); the musical note of the nonsynch rotary at 7DJ still remains as a fond memory with me.

The late Jim Parrott, ex-W7KX, an OOTC member until he recently joined our 'silent keys', was a Chief Radioman in the Naval Reserve when 7DJ was commissioned and Jim was assigned as Operator-in-Charge. Were Jim still with us, he could no doubt supply many nostalgic anecdotes of his war-time tour of duty there.

The original 7DJ was listed in the official Government call book of 1915 as assigned to Henry W. Blagen at Hoquiam, Wash. Presumably he wa sthe owner at the time the Navy took over in 1917. Currently the call W7DJ appears in my year-old call book as held by Earl H. Thoms

of Seattle; wonder if he knows the historical significance of his call? The original licensee, Blagen, is not listed in either the QCWA nor the OOTC membership rosters, although he would most certainly be eligible to both. Whether he is still a ham, has pehraps moved to another call area, joined silent keys or abandoned ham radio as a hobby, we do not know . . . does anyone?

The 1915 Government call book also included the power of the stations; 7DJ was listed at 5 watts! Rather obviously in the 2 year interim between 1915 and 1917 when his station was taken over, 7DJ must have increased power; a synchronous rotary gap with a 5 watt spark rig don't quite add up; initially it was probably a small spark coil installation. Furthermore 7DJ put a signal into Tatoosh, NPD, that was worthy of a kilowatt and we were using a crystal detector with an IP-76 receiver at NPD! Our fancy deForest 3-tube "ultra-audion", using globular 2-filament tubes with flashlight cells for 'B' battery, remained cold and dark! The Navy Yard had sent it to NPD for our use and evaluation but as none of us could seem to make the thing tick, we chose to continue using the perikon detector of the IP-76; times have changed!

THE STORY OF A HAM

What Still Am!)

He was licensed as early as "twenty-two",
At the tender age of fourteen,
Brass pounding, then, was by code, of course,
Morse telegraph code, I mean.

In those early days one didn't converse,
On the air by spoken voice,
'Twas key and code and nothing but,
Even had there been better choice!

Recalling; — later, I came along,
Post depression it was, "thirty-five",
He worked as a draftsman for his Dad,
Glad for job, to survive, be alive!

I was a starry eyed steno, would be,
Fresh out of business school,
Looking to be unexpendable, quite,
In some office stenographer's pool! (turn to page 8)

Most of the shadows of this life
are caused by standing in our own sunshine.

That, dear, is how the two of us met,
Job hunting, I was, when WHAM!
I found me the job, and what is more,
Fell in love and married a Ham!

Many years now, together we've spent,
With their ups and downs, but I know,
Dedication to rig room and station has been
An integral good part of our show.

Its the year of "seventy-seven' 'now,
But I still recall, years ago,
How he'd sit and talk with a "Lake Erie" swing,
But by code, which I didn't know!

How out of it all I had felt, back then,
Him tapping that old viber key,
Laughing and tuning receiver dials,
Having fun which excluded me!

Today he enjoys his radio room,
Equipped fit to dazzle the eye,
Antennas and wires all over the place,
But he's happy, and so, dear, am I!

For now he talks, transmitting by voice,
I can join with his friends on the air,
With radio and its magic wand,
One can travel the world, anywhere!

Since earning that first certificate,
He's got more commendations, too,
Among them, THE OLD, OLD TIMER'S CLUB,
Fifty years, solid sending, right through!

Now, that's the story of one little Ham,
Brass pounder, bar none, that he be,
Don't serve him with chitlins or candied yam,
Just a rig and an old brass key!

Kersti Vickers,
XYL to W1ACZ

IT IS BETTER TO TRY TO GET A NEW MEMBER,
AND FAIL, THAN TO FAIL TO TRY TO SIGN ONE UP

Speaking of Tranquilizers, even back in grandma's time there was something to make you sleep. They called it work!

THE PHANTOM SIGNALS
By the Late Al Sonn W2GC

I had been assigned to the Army Intelligence Section, NYC., in the early 1918's and it was my mission to try and track down mysterious wireless signals that were reported by serious minded public citizens. It was everybody's duty to report to Army Intelligence Headquarters anything that seemed to be out of order or unwarlike actions. Everybody and his brother had the phones to Army Hqs., buzzing and many of the reported incidents were without foundation and were written off the books.

But one report came that in a large hotel someone was sending spark sounding signals which even the hotel detectives could not trace. Just the same they heard hisses that sounded just like somone sending with a key. Army Intellegence assigned me to the Hotel De Allies on Central Park West to look for trouble. I was to wear civilian clothes and so were my assistent wireless men, three of them taken from our station personnel at Fort Totten, we arrived there on a cold December day about 1 p.m. We were assigned to the top floor in a suite of rooms meant for honeymooners. It was a pleasant set up with windows looking in every direction and there was a stairway to the roof just in case someone tried to make an escape.

Finally settling down for work with a portable crystal set we had two men with earphones listen. All was quiet except a few signals now and then from boats docking in the lower Manhattan Hudson River ports. They were a few the "subs" didnt sink and they made the run to New York City safe and clear. However, we copied everything just in case we would pick up some coded traffic from the sub-pack off our coast.

By six oclock all of us were starved and I, top man ordered some food. Shortly it came up on a cart and we dined on near-beer and cold roast turkey. There was some left over which the hotel men carted off

There's one thing you can say for the men in charge of our government, they're running it like nobody's business.

There is no better exercise for the heart than reaching down and lifting somebody up.

Our two men assigned to the night trick listened in until they were too sleepy to hold up their heads any longer. I guess they fell asleep, I know I did. It was this way for three days - someone gotten wise to our mission there, we thought, and were ready to call it quits and go back to the Fort However, on the third day something happened. One of the house detectives who was keeping a close ear to anything that might seem strange, knocked on our door. He stepped in and said that a resident of room 202 was hearing things and he was sure it was someone sending code as it seemed to come from next door to his room. Every morning he heard these strange signals. There was a German and his wife living there and they kept by themselves. That was it, the detective was sure he had something of importance. So Joe Burns was ready for the kill. I escorted him out into the hall and down the elevator to the second floor and to room 202. We listened outside the door at 6 a,m. Sure enough there were signals just like some unheard of code. We listened closely but there was nothing coming over that we could decipher. We called up stairs but the men on duty did not hear anything while we could hear something. Perhaps on another higher wavelength, we thought, but that would require longer antennas. I had been up on the hotel roof the night before with a flashlight and an "Army Forty-five" attached to my holster. We couldn't let this one get out of hand. Surely not when we would be in line for a hero's medal. We must put our minds to work and trick the Germans talking to their subs. So the house dick knocked on the door and a man's voice in German came back to us, "Vas ist" or something like it. "Go Away" I am trying to sleep as I had a bad night. Finally he came to the door in his bathrobe and wanted to know what it was all about. His wife woke up too and muttered something in German no body could decipher. "Are you operating a wireless set in here?" we put it frankly. He replied, "I know nothing about wireless," I could hear something

Education is a social process. . . .Education is growth. . . .Education is not preparation for life; education is life itself.

John Dewey

When a person is down in the world, an ounce of help is better than a pound of preaching. — **Edward G. Bulwer-Lytton**

The Phantom Signal (Cont'd)
that resembled a spark in the background. We searched his other rooms but nothing like a wireless set was visible. Searching in closets and under beds there was nothing except that phantom signal could be heard. Soon there was silence, not a peep from anywhere. Suddenly it started up again. It was somewhere hidden in that apartment we were sure. But to find it, that was the problem. I went over near the window. The code seemed to get louder. I was on the scent. I sure was, there was that darned steam radiator hissing away to tell us that the steam was coming up. By golly we found it - a hissing radiator valve. Something that would call out Army Intelligence to track down a hidden wireless station in a big hotel room for communication with the subs off our coast?

We were in an embarrassing situation in reporting this incident, but Mr. Public did his duty as a good citizen. The meals on the house were excellent and so were the accomodations....

OOTC Items Available For Purchase

OOTC Pins.....$2.00
OOTC Coat Patches.....1.50
OOTC Stickers (per 150)....1.00
*OOTC Stationery per 100
(Price on request)
*OOTC Stationery per 100
Name, Call, Address
(Price on request)
* Note:Mailed Parcel Post
or 3d Class depending
on weight.

* * * * * *

Today is tommorow you worried about yesterday, may you be in heaven days before the devil knows you are there . . .

"So you met your wife at a dance; wasn't that romantic?"
"No, it was embarrassing. I thought she was at home caring for the kids."

Let us all sympathize with the poor girl who spent four years learning how to behave in polite society, and the rest of her life trying to locate it.

Wireless Banquet

1.—Dr. Lee de Forest. 2.—James D Smith. 3.—E. E. Burlingame. 4.—Captain J. E. Darby. 5.—H. Gernsback.

At a banquet given February 13th last, in the historic Fraunce's Tavern, New York, in honor to Dr. Lee De Forest's work in aerophony, and on account of the successful financing of the Great Lakes Radio Telephone Co., the inventor, Dr. De Forest, spoke of his achievements. He stated that with his new sparkless wireless (undamped, such as used with his aerophone) the possibility of interference is reduced enormously, as much sharper tuning may be achieved. This, as is well known, is a very difficult thing to-day with spark wireless.

Dr. De Forest also spoke of his early work and stated that with his new aerophone system a much greater amount of despatches can be handled in a much shorter amount of time than with the present wireless telegraph.

Mr. E. E. Burlingame was toast master and complimented the inventor on his work. Mr. Smith, the president of the company, announced plans for the immediate erection of a chain of wireless stations along the Atlantic and Pacific coasts, as well as at certain points in the interior.

Mr. H. Gernsback spoke of the achievement of amateur wireless telegraphy in the United States, and demonstrated that the young experimenters have done a great deal to further the new art. He also spoke of the Wireless Association of America, which he founded, and of which Dr. De Forest is president. Mr. Gernsback closed with a fantastic account entitled "Wireless on Mars," which created universal applause.

Over 100 wireless men attended the banquet

NEW ENGLAND WIRELESS SOCIETY.

This society was incorporated under the statutes of the Commonwealth of Massachusetts on February 4th for the study and improvement of wireless communication. The regular meeting is to be held the first Friday in each month. Mr. Gordon S. Wallace, 563 Massachusetts avenue, Boston, is acting secretary.

FRENCH STUDY WIRELESS.

Paris.—The French Government, as a result of the use made of wireless telegraphy following the sinking of the steamer Republic off Nantucket January 23, is studying the entire question of wireless communication.

The idea in view is to introduce a bill to oblige French navigation companies to install wireless apparatus on all their ships above a certain tonnage.

From the April, 1909, issue of MODERN ELECTRICS

FROM THE SECRETARY

This, my first message to the OOTC gang as your new secretary-treasurer and editor of SGT, be a sort of getting acquainted. Ray Meyers has resigned, and it looks like I must fill his shoes as well as I can. Ray has been a big part in the build up of OOTC, for we all know that for a while OOTC was in a little trouble. Ray took over and has made a wonderful come back. He has been a dedicated member of OOTC, working many hours and spending time getting all the files in shape. He certainly has given of himself to OOTC. He has made many visits to conventions and getting to meet the OOTC gang. And some of these visits I am sure Ray paid out of his pocket To fill his shoes, as I said, will be a big job for me, altho I had many years of experience as secretary of a radio club. We in OOTC owe Ray a "Well Done, OM" and many thanks.

So it is with a great deal of Stage Fright that I take over from Ray as Secretary, et al., of OOTC. I know that the work is tremendous, but with Ray behind me all the little things that crop up will be taken care of.

I do want the members to write at any time, your suggestions will be carefully considered and acted upon, to improve OOTC and also to try to make the work easier for me.

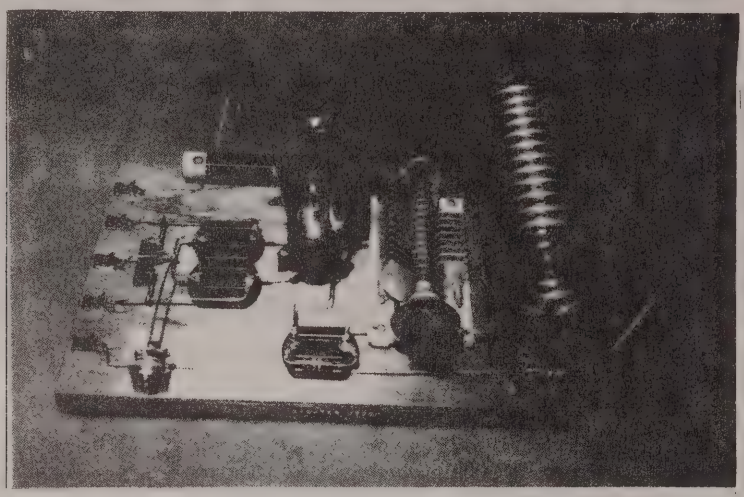
One area that I would like to work on is the postage for SGT. The rates are going higher it seems to me. I therefore would like to make SGT just a little smaller, so that the postage would be around 15c. At the present time we mail SGT at a cost of 24c per copy, a smaller book would cost 15c. We can then realize a saving of over $540 a year on the six issues. With the savings we can make SGT a better magazine and possibly go the whole route by letterpress. Of course. this would also keep the work load down. by not having to type up the pages.

I welcome any suggestions from the members in this regard. If you like SGT this way, fine. If not then back to the drawing board.

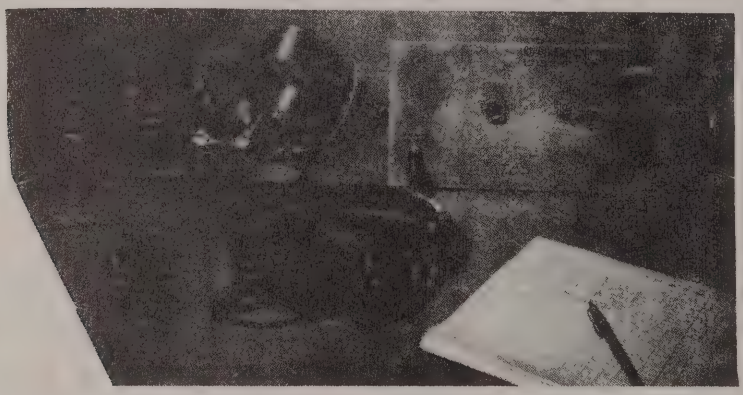
As a final note, let me say that working for the memmers of OOTC will be a rewarding job. I will be working with the real pioneers of Radio.

LETTERS TO THE EDITOR

Les Babcock-W1FAT wrote former Editor Ray that he is operating his old time Ham station and sends along a couple of photos that we appreciated. The picture below shows the complete station - the receiver is similar to that Lloyd Hammerlund of Hammerlund Manufacturing Company helped him build in 1928 thus introducing Les to Ham Radio.



Here's a close up of the transmitter



The receiver shown is a 3-tube 201-A regenerative type and the only modern item is the headset. Les says he copies SSB on it.

****

As the family sat down to dinner the mother said, "Since the preacher is here, we'll ask our little daughter to say the blessing." As every one bowed, Jane said, "But Mom, I don't know a blessing to pray." The mother anxious to make a good impression, "Well pray some prayer you heard me." After a thoughtful pause little Jane screamed, Good Lord, why did I have to invite the preacher to dinner on such a hot day as this."

Joe Pavek, W0OEP writes "I am happy that you have taken on the load of secretary-treasurer for the OOTC. We could not have gotten a better man"

(Thabks Joe, but I hope that I can do as well as Ray did)

Clarence W2RFY says the idea of a reduction in size may be a good solution. Heres my $12 for the club plus $3 for the mail kitty. *(OK Clarence, we will try it for a while, I am sure that the gang will like the new style)*

Letters of congratulation to the new secretary from W9WR ole Fred from Chicago. Also from Monte Cohen AA4MC *(Thanks fellows for your kind remarks)*

George Clark writes saying his call is wrong in the listings of where to find OOTC members, and my name was spelled wrong. HI. *(OK George these little matters were taken care of and thanks for the kudos.)*

Elmer W6EB writes that he enjoys Spark Gap Times, and sends along $15 for two more years in the $12 club plus $3.00 for the kitty. *(Thanks Elmer-ye Ed)*

Bruce Henke K6)U in sending in $18 for Spark Gap Times for another 3 years says "A pleasure to do it - not enough info out for late comers on this sustaining Charge."

Well Bruce..sending in a check for several years is a big help for it eliminates the need for correcting an address-o-graph plate every year which costs us 2 bits. so we save a little and send SGT by first class mail to the $12 Club members - Ye Ed)

Chet W8BIF says he was surprised to get the notice that his subscription had expired. He said he was paid thru 5/79, however he sent along a check for $15.00 for 2 more years in the $12 Club and $3.00 for postage, which is becoming a big problem. *(Chet you are right, I checked your card, guess we make mistakes too. Anyway you are now listed as being a member of the $12 club 5/81,Ye Ed)*

Duncan W1GAY writes, "Luck with your new job with OOTC and wish you well. Enclose something to help things along. Send me a dozen applications as I am all out."

Thanks for the $10 donation Duncan it sure helps,some applications are on the way. I know about your Lodge in Martha's Vineyard so we have an affinity.HI. Ye Ed

Dave W4AX writes "Congratulations on the new job. You are a glutton for work.I couldnt feel right about letting the event go unheraled. I am well acquainted with the job you have been doing all along for QCWA. Very best wishes for smooth sailing OM."

Thanks Dave, the challenge to work with the real pioneers of ham radio was to much to let it go by. Besides Ray and I are old time friends with almost the same experiences - Ye Ed

From Ti W3DJD he writes about the confusion in his home town for mailings. "Very good photo on the cover of SGT and I always enjoy its contents." Good luck in taking over from Ray..

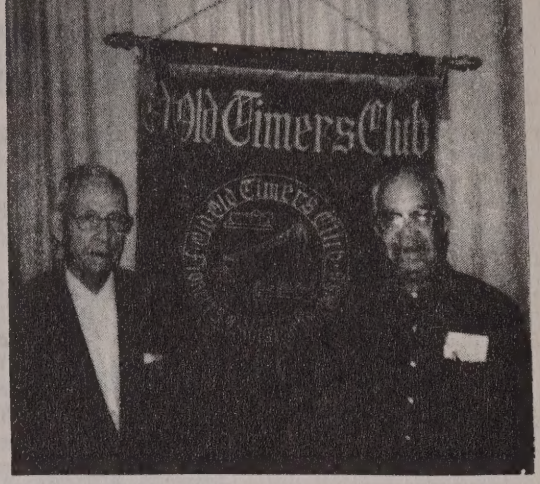
Thanks Ti, we will continue the same address as before. Will see you on 3917 Sundays. HI...Ye Ed

Alan Biggs K4AA writes, "Your comment in latest SGT re the poetry credited to W8RHZ. W8RHZ was Harry Steffan of Twinsburg, Ohio, a very active 75m signal for many years. He had been a printer in Cleveland. His wife Winnie had attended the same grammer school,McKinley in Lakewood that I attended but somewhat before my time."

Gil W5RB says "enclosed is my check for $20, 3 yrs SGT and $2 put in the postage kitty. Congratulations on the new job.

BULLETIN-- Dick Wisenbaker WB2FJV recently put up a new QUAD but in doing so hurt his back but thanks to the boys from the Wantagh,NY Club, Dick is on the air and looking for contacts on 20

Bill Biddle K8UZ (Left) sends in a picture taken with Bill Gould K2NP during the QCWA/OOTC dinner at the Dayton Hamvention this year.



Melvin W1BHD sent in this photo of the Century Twins, K4RO Ken and W1MPP Eunice taken in Jackson NH while on vacation from Florida.. Mel also says he has 3 repeaters going In Malden with the call WR1AAA.

Pete W1PNY sends in his subscrition to SGT and says,"Delighted that Selection Board had the wit to put finger on you. See you on CW nets:

Thurlow W2ITB sends in $5 for the kitty and said to correct his address. *Thurlow guess it was a typo error, but will correct plate - Ye Ed*

SILENT KEYS

81 Dr Chas. E. Barrett Jr W1TYO/WB4LOX
Mail returned marked "Deceased"
151 Sebastian Gahm W1DIU 6/19/78
reported by Earl Korf K2IC
478 Alois D. Middleton, W7ZC
per OOTC net 6/3/78
941 Dewey R. Villareal, W4BM
July 1978 QST
1237 John D. Davies, K4NW
July 1978 QST
1620 Richard B. Jeffrey W8GDC
July 1978 QST
1689 John M. Gowan ex WØFLK
per QCWA summer issue
Sub'r Walter Pittman W6DFS
per 50 Club of Calif. Bultn.
1895 Edward M. Egan K6IKG 6/14/78
per XYL Velma

Known Birthdays

Greetings to the following OOTC members who will be celebrating their birthdays shortly after receipt of this issue of SGT.

For November - we have
1st W2IIE, W2JN, W2JN, W3ABC, K4HE
3rd W3UZ. N4ZH, W5UCY, W5DEW/KØWKS
4th WA1EXS
5th W3DNF, K4IKE, W7COH, K7DI
6th K1ITU, W4MW, WBØMYZ
7th W1APN, WB6AJR
8th W1AOS, W4VG, W5RN, W6DRV, W6IPK
W6JF, W8MDX, W8SO,
9th W4GQ, W6OMM, W7BE,
10th W1CPW, W3BBF
11th W2XN, K4CK, W6JNP
12th W1BV, W1EPZ, WA1VSW, W3CWY, WØMU
KØRH
13th W1AIR, W5TTP, N6CG, W8ERR
14th W2FLD, W3FJU, W5ZC, W9BFU/W7EDT
15th W2FKE K6EA
16th W1BTZ, W2ARX, W2PYW, W5JGJ, W7JU
17th K6LQ, K6NB, W6OL
18th W1AGX, W2LV, N4GX, W8DP, W9MG
19th W3CGZ
20th W1ARO, W2MZ, W4DFE
21st W2BAI, W3ZG, W5AJC, W6AGK, W6CIF
W9YZE
22nd K2DMR, W2JBF, VK4SS
23rd K1AAQ, W4NWF, W5FKB W 2DJ
24th W2CVF, W4HSJ, W6FCD, W8EGF
25th W4BPD
26th WA2DIG, W6ALW, W6CAH, W9RC
27th W1DGN, W5ANA, LU9AN, ZS2AG
28th W1ESN, W1HRJ, W4NR, K5RS
29th K1BD, W1PO, W1TL, W2JGR, W2SF W6TMY
30th WA1BOS, W3JJ, K6WX

For December - we have
1st W8BUH, WØDUN
2nd A-711, W1HX, W4BA, K7KYG, KØPZD
3rd W1ABO, W5NW, W6ICS, W6MJ, W8DX
4th W1NC, W2NA, W2QJT, WB4JAI
5th N6IE, K6JI, W6KQV, W9ACU
6th W2BBK, K6WK/KH6AWJ
7th W2CJX, K5BLV
8th W6BJO, W9AC/W4AK, W9SZL
9th W6QBY, W7ROL
10th WA6TFR, W7TG, WØGBJ
11th W2GB, W3CDQ, W2EM, K6TRL, W8CJT
12th W2LOG
13th WA3OSO, W5ABA
14th K1RTV/K1TLR, W3FFB, W4DXB, W5WM
15th W2AAO, W9ZFU
16th W8ALW, WØNSA
17th W1PNY, W6FS, K6QP
18th W6YY, W8LZV, YO7AGD
19th W2NWE
20th W8DWT
21st W5HO, W6IC/W8IC, K6LK
22d W4KOH
23rd W4JO
24th W1BMW, W5KC, W7LAR
25th ex W2DC (A-313)
26th W1AN, K4YC
27th A-691, K1IJJ, K8UZ
28th W3AMC, K6IKG, W9SZL
29th W1IH, W5MC
30th W1PCR, W2WX, W5ATW, W7DKB
31st W1BBK/W2BAY, W2LEL, W5RF, W7LBW
W9HPP

May you have many more.
Our birthday watchdogs will no doubt try to reach you with greetings by radio. Some may be undelivered due to a member going SK and no one remembering to notify the Secretary-Treasurer. Too several have moved withoout sending in a change of address and naturally these will be undelivered. Ye Ed

NEW MEMBERS

OOTC welcomes the following new members and appreciates the efforts of those responsible for sending them applications as indicated below:

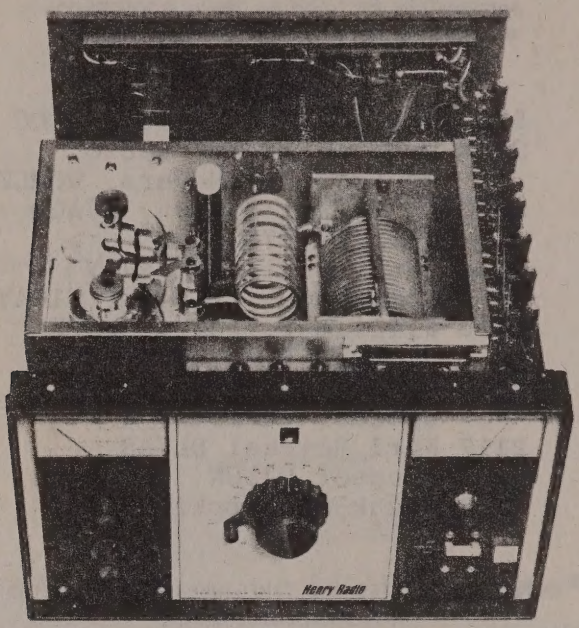
2111 Harold E. Wallace, W7CDC
2112 Herb A. Adams, K6BTO
Sponsor Ray Meyers, W6MLZ
2113 A. K. Williamson, W7AGO
Sponsor W7MGF
2114 Jacob Dubinsky, N4LV
Sponsor D. Kreamer, W1GAY
2115 William L. Pultz, K1YZ
Sponsor Fred Hinds W9WR
2116 Eugene E. Todd W6BBY
Sponsor W6PFF
2117 Karl Reichel DL7AR
Sponsor DJ3UN
2118 Frank Swiderski SP9ZB

KNOWN FREQUENCIES AND TIMES WHERE ONE MAY FIND A FELLOW OOTC MEMBER

Day	Local/T	U/T	Freq.	Type	Control/Alt.
Mon.	1545	*2045	14070	OOTC get together	
"	1900	*0300+	3555	W.Canada SOWP	VE7WZ/VE7RQ
"	1900	*2400	3648	E.Coast OOTC	W1AEH/W1ZS
Wed.		*1700	14287	Handicappers	WA3GBD
"	1530	*2030	3905	E.Coast OOTC	K2BX/K2NP
"	2000	*2400	7035	Nat'l QCWA CW	W2JBL/W9CV
Thurs.		1500	14125	Trans US SOWP	W5QKU/W8BKM
"	1430	*1930	3963	N.Eng group	
"	1900	*2400	3840	Mid West OOTC	W9LRI
"	2000	*0400+	3555	Pac Coast SOWP	W6KHA
Fri.		*1600	14115	Nat'l OOTC CW	K4NP
Sat.	1000	*1400	7040	N.E. SOWP	W1DIU/W3FK
Sun.	0930	*1730	3917	So Cal OOTC/QCWA	W6FQ
"	1100	*1900	3695	"	K6BA
"	0930	*1730	3907	No Cal "	W6FQA/W6BYS
"	1045	*1845	3788	" QCWA CW	K6CA
"		1900	7247	Florida OOTC	WA4UOE

Note * During National Daylight time advance sked 1 hour earlier.
+ Indicates following day in U/T (GMT) or (Z)

Before you buy an amplifier



Lift the Lid

Before you invest your hard earned money in a linear amplifier, consider what's inside. That's where the difference in quality is obvious. No lightweight, cheaply built components...In Henry amplifiers you will find only the best quality, heavy duty components. We build our amplifiers to perform at peak level month after month, year after year. Both the 2KD-5 and the 2K-4 will operate full legal power continuous duty on all modes. We offer the amateur the linear amplifier that we would want in our own stations.

At Henry Radio we know how to build only one kind of amplifier...the best!

2KD-5 GENERAL SPECIFICATIONS:

- ✳ The 2KD-5 is a 2000 watt PEP input (1200 watt PEP nominal output) RF linear amplifier, covering the 80, 40, 20, and 15 meter amateur bands.
- ✳ Two Eimac 3-500Z glass envelope triodes operating in a grounded grid circuit.
- ✳ Pi-L plate circuit with a rotary silver plated tank coil for greatest efficiency and maximum attenuation of unwanted harmonics.
- ✳ Full legal input in all modes. 2000 watts PEP input for SSB. 1000 watts DC input for CW, RTTY and AM.
- ✳ Jumper for 115 or 230 VAC, 3 wire single phase.
- ✳ 10.5" high x 15" wide x17.5" deep
- ✳ Price...$895.00

2K-4...LINEAR AMPLIFIER. Offers engineering, construction and features second to none. Provides a long life of reliable service, while its heavy duty components allow it to loaf along even at full legal power. Operates on all amateur bands, 80 thru 15 meters. If you want to put that strong clear signal on the air that you've probably heard from other 2K users, now is the time. Move up to the 2K-4. Floor console...$1095.00

TEMPO 6N2 brings the same high standards to the 6 and 2 meter bands. A pair of advanced design Eimac 8874 tubes provide 2,000 watts PEP input on SSB or 1,000 watts on FM or CW. Complete with self-contained solid state power supply, blower and RF relative power indicator. ...$895.00

TEMPO 2002. The same fine specs and features as the 6N2, but for 2 meter operation only. ...$745.00

TEMPO 2006. Like the 2002, but for 6 meter operation. ...$795.00

TEMPO VHF/UHF AMPLIFIERS. Solid state power amplifiers for use in most land mobile applications. Increases the range, clarity, reliability and speed of two-way communications. FCC type accepted also.

Model	Drive Power	Output Power	Price
LOW BAND VHF AMPLIFIERS (35 to 75 MHz)			
Tempo 100C30	30W	100W	$159.
Tempo 100C02	2W	100W	$179.
Tempo 100C10	10W	100W	$149.
HIGH BAND VHF AMPLIFIERS (135 to 175 MHz)			
Tempo 130A30	30W	130W	$189.
Tempo 130A10	10W	130W	$179.
Tempo 130A02	2W	130W	$199.
Tempo 80A30	30W	80W	$149.
Tempo 80A10	10W	80W	$139.
Tempo 80A02	2W	80W	$159.
Tempo 50A10	10W	50W	$ 99.
Tempo 50A02	2W	50W	$119.
Tempo 30A10	10W	30W	$ 69.
Tempo 30A02	2W	30W	$ 89.
UHF AMPLIFIERS (400 to 512 MHz)			
Tempo 70D30	30W	70W	$210.
Tempo 70D10	10W	70W	$240.
Tempo 70D02	2W	70W	$270.
Tempo 40D10	10W	40W	$145.
Tempo 40D02	2W	40W	$165.
Tempo 40D01	1W	40W	$185.
Tempo 25D02	2W	25W	$125.
Tempo 10D02	2W	10W	$ 85.
Tempo 10D01	1W	10W	$125.

TEMPO 100AL10 VHF LINEAR AMPLIFIER. Completely solid state, 144-148 MHz. Power output of 100 watts (nom.) with only 10 watts (nom.) in. Reliable and compact...$199.00

TEMPO 100AL10/B BASE AMPLIFIER...$349.00

Henry Radio also offers a broad line of commercial and FCC type accepted amplifiers covering the range of 3 MHz to 500 MHz. Henry amplifiers are in use all around the world. Commercial and export inquiries are invited.

Tempo solid state amplifiers are available at Tempo dealers throughout the U.S.

please call or write for complete information.

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